XP-002203983

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CPY - NEOS
DC - B04 D16 E16 J04
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MC - B10-A22 B11-C08D2 E10-A22F E10-A22G E31-P04 J04-B01 J04-B01C
M2 - [01] H1 H181 H6 H601 H608 H609 H681 H682 H683 H684 H685 H689 K0 L7 L722 M210 M211 M212 M213 M214 M215 M216 M220 M221 M222 M223 M224 M225 M226 M231 M232 M233 M273 M283 M311 M312 M313 M314 M315 M316 M321 M331 M332 M333 M340 M342 M343 M344 M362 M391 M416 M430 M620 M640 M650 M782 M903 M904 N102 P831 Q233 Q435; 9404-11001-D 9404-11001-M; 1278-P 1544-S 1732-U 1532-P 1779-P
- [02] H1 H103 H181 H6 H601 H608 H609 H681 H682 H683 H684 H685 H689 M210 M211 M212 M213 M214 M215 M216 M220 M221 M222 M223 M224 M225 M226 M231 M232 M233 M273 M282 M311 M312 M313 M314 M315 M316 M321 M331 M332 M333 M340 M342 M343 M344 M362 M391 M416 M430 M620 M640 M650 M782 M903 M904 N102 P831 Q233 Q435; 9404-11002-D 9404-11002-M; 1278-P 1544-S 1732-U 1532-P 1779-P
- [03] H1 H181 H6 H601 H607 H609 H681 H684 H685 H689 K0 L7 L722 M280 M312 M313 M314 M315 M316 M320 M321 M322 M323 M332 M340 M343 M344 M362 M391 M392 M393 M416 M430 M620 M640 M650 M782 M903 M904 N102 P831 Q233 Q435; 9404-11003-D 9404-11003-M; 1278-P 1544-S 1732-U 1532-P 1779-P
M3 - [01] H1 H181 H6 H601 H608 H609 H681 H682 H683 H684 H685 H689 K0 L7 L722 M210 M211 M212 M213 M214 M215 M216 M220 M221 M222 M223 M224 M225 M226 M231 M232 M233 M273 M283 M311 M312 M313 M314 M315 M316 M321 M331 M332 M333 M340 M342 M343 M344 M362 M391 M416 M430 M620 M640 M650 M782 M903 M904 N102 P831 Q233 Q435; 9404-11001-D 9404-11001-M; 1278-P 1544-S 1732-U 1532-P 1779-P
- [02] H1 H103 H181 H6 H601 H608 H609 H681 H682 H683 H684 H685 H689 M210 M211 M212 M213 M214 M215 M216 M220 M221 M222 M223 M224 M225 M226 M231 M232 M233 M273 M282 M311 M312 M313 M314 M315 M316 M321 M331 M332 M333 M340 M342 M343 M344 M362 M391 M416 M430 M620 M640 M650 M782 M903 M904 N102 P831 Q233 Q435; 9404-11002-D 9404-11002-M; 1278-P 1544-S 1732-U 1532-P 1779-P
- [03] H1 H181 H6 H601 H607 H609 H681 H684 H685 H689 K0 L7 L722 M280 M312 M313 M314 M315 M316 M320 M321 M322 M323 M332 M340 M343 M344 M362 M391 M392 M393 M416 M430 M620 M640 M650 M782 M903 M904 N102 P831 Q233 Q435; 9404-11003-D 9404-11003-M; 1278-P 1544-S 1732-U 1532-P 1779-P
M6 - [04] M903 P831 Q233 Q435 R512 R535 R627 R637 R639; 1278-P 1544-S 1732-U 1532-P 1779-P
PA - (NEOS) NEOS KK
PN - JP3206111B2 B2 20010904 DW200152 G01N30/48 005pp
- JP5333015 A 19931217 DW199404 G01N30/48 005pp
PR - JP19920160379 19920526
XA - C1994-013090
XIC - B01D-015/08 ; C07K-003/20 ; G01N-030/48 ; G01N-030/88
AB - J05333015 Fluorine-contg. silica type filler is treated with a quaternary ammonium salt of formula (I); where, R1, R2, R3, and R4 are 1-30C alkyl, and may contain fluoroalkyl gp.; Xa- is an inorganic acid

anion; and a is 1-3.

- Also claimed is an alternative fluorine-contg. silica type filler treated with a quat. ammonium salt of formula (II); where, Y1, Y2, Y3, and Y4 are H or fluorine; m, o, r, s are 0 - 12 but cannot be 0 simultaneously; n, p, q, and t are 0 - 12; Xb- is an inorganic acid anion; and b is 1 - 3.
- USE/ADVANTAGE - Filler is for liq. chromatography. Esp. useful for sepn. and purificn. of living tissue related substances such as nucleic acid, peptide, and protein.
- (Dwg.0/3)

CN - 9404-11001-D 9404-11001-M 9404-11002-D 9404-11002-M 9404-11003-D 9404-11003-M

DRL - 1278-P 1544-S 1732-U 1532-P 1779-P

IW - FLUORINE CONTAIN SILICA TYPE LIQUID CHROMATOGRAPHY FILL TREAT AMMONIUM SALT USEFUL SEPARATE PURIFICATION LIVE TISSUE TYPE SUBSTANCE NUCLEIC ACID

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NC - 001

OPD - 1992-05-26

ORD - 1993-12-17

PAW - (NEOS) NEOS KK

TI - Fluorine-contg. silica type liq. chromatography filler-treated with ammonium salt - is useful for sepn. and purificn. of living tissue-type substances e.g. nucleic acids etc.